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# ABSTRACT

## THE 1<sup>st</sup> INTERNATIONAL NURSING CONFERENCE

Increasing Role of Nurse in the Era of Globalization through Inter-professional Collaboration in the Perspective of Agricultural Nursing

Jember, November 9<sup>th</sup> 2014

**School Of Nursing  
Jember University**



*Membangun Generasi  
Menuju Insan Berprestasi*



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# THE UTILIZATION OF SQUARE WAVE FOR OXYTOCIN ELECTRO- MASSAGE ON BREAST FEEDING PRACTICES OF WORKING MOTHER IN SEMARANG

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## Abstract

**Introduction:** The main barrier of breast feeding is working mother. In the working mothers, the levels of stress and the high physical activity can reduce the production of breast milk. Massage is one of strategies to trigger the hormone oxytocin expenditure is by utilizing accupoint at point Bl 17 and Bl 18. The aim of study is identify characteristic of wave to oxytocin electro-massage.

**Method:** A pilot study with post test only design with 6 waves was used in this study. A sample of 32 working mother was recruited from community in the Semarang City. Data were collected by using comfort observation.

**Result:** The result revealed that the respondents experienced comfortable from square of 10 hertz wave (53.1 %); square of 20 hertz wave (37.5 %); square of 30 hertz wave (46,9 %); sinus of 70 hertz wave (46,9%); sinus of 60 hertz wave (34,4%); sinus of 50 hertz.wave (25%).

**Discussion:** The square wave with frequency 10 hertz that used in Bl 17 and Bl 18 accupoint to oxytocin electromassage. The other study the square wave can relieve pain and frequency 10 Hertz can stimulate neuron.

**Keywords:** breastfeeding, electromassage, oxytocin, point Bl 17 and Bl 18, square wave





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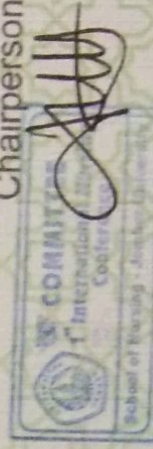
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